



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

we can find points and tangent planes *ad libitum*, by the following construction :—Take in the focal conic two diametrically opposite points ; with one as centre, and twice the distance from it to the extremity of the perpendicular axis as radius, describe a sphere. Through the other point draw a plane, normal to the focal conic ; it will cut the sphere in a certain circle. Connect any point in this circle with the two points on the focal conic, and at the middle point of the line connecting it with the second point draw to it a perpendicular plane. This is a tangent plane to the surface, and the point where it cuts the first connecting line is a point on the surface.

Another mode of generating the surface is easily derivable from (7).

Mr. Petrie gave an account of some ancient Irish inscriptions of the sixth century, found in the island of Arran.

Dr. Kane made some remarks on the Theory of Types.

DONATIONS.

Transactions of the Literary and Historical Society of Quebec. Vols. I. and II. ; and Parts 1—4 of Vol. III. Presented by the Society.

Report of the Directors of the Chamber of Commerce at Manchester on Import Duties. 11th March, 1841.

Report of the Select Committee of the House of Commons on the Import Duties.

Proceedings of a Meeting of Members of the House of Commons, held at the Thatched House Tavern, St. James's-street, on the 20th February, 1841. Presented by Joseph Hume, Esq., M.P.